

April 9, 2015

Ronald Merancy, Chairman Water Pollution Control Authority Borough of Naugatuck 229 Church Street Naugatuck, CT 06770

Re: March 2015 Monthly Operating Report

Dear Mr. Merancy:

Enclosed please find Veolia Water's Monthly Operating Report for the month of March 2015.

Please contact me at the address below if you have any questions about this report.

Sincerely,

Veolia Water North America - Northeast, LLC

John Batorski Plant Manager

Veolia Water Naugatuck

cc: WPCA members: Rimas Balsys, Catherine Aresta, Pat Mallane, Jeffrey Hanson, James R. Stewart PE, LS, Director of Public Works, Borough of Naugatuck, Kathleen Luvisi, Senior Environmental Engineer, Alternative Resources, Inc.

(enclosure)

Borough of Naugatuck Monthly WPCF Report March 2015

This report summarizes the activities at the Borough POTW for March 2015:

1. Highlights and Significant Issues: Please refer to the report.

2. Collection System Update:

Please see attached Collections Report.

3. Plant Performance Summary:

Please see the attached reports and graphs for additional performance details.

Plant Process Data	Limit	Actual
Total Suspended Solids (mg/l)		
Influent Avg.	-	135
Effluent Avg.	30	5
Removal Efficiency	85%	96%
Plant Process Data*	Limit	Actual
Carbonaceous BOD (mg/l)		
Influent Avg.	-	85
Eff Avg(Nov 1 - May 31)	25	
Eff Avg(June - Oct 31)	15	4
Removal Efficiency	85%	96%

Discharge Permit Exceedance: None

-	Naugatuck	Middlebury	Oxford	OTR
April Flow Avg. (MGD)	6.7	0.813	0.052	N/A
Sludge Liquid Total (MGal)				5077.7
Sludge Cake Total (Wet Ton	s)			3182.1
Septage Total (MGal)	19,250	10,000	107,500	217,100
Discharge Permit Exceedance	ce: None			

Safety Incidents and Odor Complaints

	Month	YTD
Recordable Accidents	0	0
Lost Time Accidents	0	0
Odor Complaints	1	1
Unconfirmed Odor Complaint	ts 0	0

1. Compliance & Regulatory Issues

a. There was one odor complaint in March. Phil Schnell, odor inspector with CTDEEP was onsite March 23 regarding the March 14 odor complaint from 326 Cherry Street. He did not perform a plant inspection however he did spend time upwind/downwind of the facility and no odors were noted. He also spoke to the resident that filed the complaint.

2. Personnel

a. No report.

3. Health & Safety

a. The Lead Mechanic presented the safety meeting on electrical safety, as he is a licensed electrician.

4. Operational Information

a. The incinerator was shutdown March 6 and returned to service March 13 after almost 3 years of continuous operation. Maintenance was performed and the incinerator was returned to service.

Borough of Naugatuck Monthly WPCF Report March 2015

- **b.** Otis elevator was onsite March 25 to repair the leaking seal on the freight elevator. The hydraulic piping will also have to be replaced on this 35+ year old elevator.
- **c.** The odor counteractant spray system was turned on for the season in mid-March.

5. Collections

a. The audio metric survey for collections was performed March 19, 2015.

6. Maintenance

- **a.** The North J Spin currently out for repair is expected back in early April. A factory tech will be onsite for the startup.
- **b.** The actuator for the ID fan was replaced.
- **c.** Both air compressors and the air dryer are now located in the plant boiler room (utility room).
- d. The South Abel sludge cake feed pump was rebuilt.
- e. All expansion joints were replaced on the hot oil system.
- f. A Cisco network switch was replaced under warranty during the incinerator shutdown.
- g. Approximately 880 gallons of thermal fluid was reprocessed.

7. Capital Projects

a. No report.

Borough of Naugatuck Collections Systems Report March 2015



				AAMIER		
	Calls for Service					
1	3/01/15 - Mallane Ln	_				
2	3/02/15 - 31 Woodcrest dr	4	* * * * *			
3	3/02/15 - 65 Longwood dr					
4	3/05/15 - New st easement to rt 63 3/10/15 - Coen st			18 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		
5 6	3/11/15 and 3/24/15 - 23 Dunn Ave					
7	3/11/10 and 3/24/10 + 23 Outil Ave		4 4 4 4			
			This Month	ì F	Year to Date	
			7		25	
		40-10-10-1				
	Calls Caused By Collection System		Reason	1		
1	Mallane Ln	THE STREET	Piece of brol	ken pvc pipe obstr	ucting line	J. 1211
2	New st easement to rt 63	是,非智慧进建	Roots in sev			1911
3						1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1
4				AND STREET OF SHIP		i Amagan
* *						
	High Velocity Cleaning					A-10
	Street Name	Date	Footage			
	Mallane Un 3-24 (e/3-29a	(9)1/20315	adli		6 month list	
2	Mallane Lin 8:204 to 8:20	0/1/2015	100	i L	Call for sarvice	
		(0/1/20/15	200			
	Longwood di 11-196 (a 11-189	0.07016	7210			
	New 31/ n 63 easemen 7-276 downstream	8/8/2016	130	4		
	New st / rt 63 easement 7-27a upstream	3/9/2015	100 1005	-	100	
8	Raytkowich Rd 4-47 to 4-43 E. Waterbury Rd no m/h #s off of Great Hill Rd	3/10/2015 3/10/2015	425	-		
9	Seth dr no m/h # to 6-111	3/11/2015	150	- 25 6 7		
10	Dunn Ave 9/165 upsteam	0/1/2015	200			
	Highland Ave 9-185 to 9-171A	3/11/2015	340	1		
	Highland Ave 6-111 upstream	3/11/2015	150	1		
	Highland Ave 6-111 to 9-171	3/11/2015	225			
14	Highland Ave 9-210 to 9-208	3/11/2015	330			
15	Walnut St 6-155 to 9-208	3/11/2015	280			
16	Walnut St 9-208 to 9-207	3/11/2015	105			
17	Great Hill Rd 4-55 to 4-42	3/12/2015	1070			
18	Raytkowich Rd 4-43 to 4-42	3/12/2015	305			
19	Great Hill Rd 4-42 to 4-14	3/12/2015	695			
20	Rado Dr 4-15 to 4-14	3/12/2015	200			
21	Great Hill Rd 4-14 to 4-7	3/12/2015	947			
22	E. Waterbury Rd no m/n # to 4-7	3/12/2015	100			
23	Great Hill Rd 4-7 to 4-1	3/16/2015	1285			
24	Great Hill Rd 4-1 to 3-93	3/16/2015	250 475	-		
25 26	Great Hill Rd 3-113 to 3-110	3/16/2015 3/17/2015	656			
27	Great Hill Rd easement 3-107 to 3-102 Great Hill Rd 3-102 to 3-100	3/17/2015	320	-		
28	Great Hill Rd 3-100 to 3-93	3/18/2015	1415	-		
29	May St 10-51 to 10-46	3/19/2015	1352			
	May St 10-46 to 10-159	3/19/2015	555			
	Florence St 10-75 to 10-49	3/19/2015	290			
32	June St 10-84 to 10-46	3/19/2015	420			
	Auburn St 10-161a to 10-161	3/19/2015	260			
34	Johnson St 10-166 to 10-159	3/19/2015	140			
35	Hill St 10-156a to 10-156	3/25/2015	170			
36	Pheonix Ave 10-173 to 10-158	3/25/2015	160			
37	May St 10-159 to 10-150	3/25/2015	595			
38	High St 10-153 to 10-150	3/25/2015	450			
39	Maple Terrace 10-150 to 10-149	3/25/2015	170			
40	Maple St 10-149 to 10-29	3/25/2015	150			
41	Carrol St 10-30 to 10-29	3/25/2015	400	-		
42	Coen St 10-180 to 7-245	3/26/2015	410	-		
43	Oak St 10-181 to 10-179	3/26/2015	300			
44	Oak St 10-24 upstream	3/26/2015	240			g
45	Oak St 10-178 to 10-177	3/26/2015	230 130			
46	Hill St 10-183 to 10-182	3/26/2015 3/26/2015	250			
<u>47</u> 48	High St 10-182 to 10 -178a Maple St 10-28 to 10-24	3/26/2015	200			
49	Auburn St 10-26 to 10-24 Auburn St 10-161a upstream	3/26/2015	140			
50	Carrol St 10-33 to 10-32	3/26/2015	150			
51	High st 10-34 to 10-33	3/26/2015	200			
52		1				
100		y sasing			er den Series	ar eres st
		efores experience to a large entre	This Disable		Year to Date	
			This Month		Teal (O Date	Feet

	ant Transforment	i e				
K K	oot Treatment		- 1	1	e de ser en	
N	Street Name	Type	Footage			1
New st / rt 63 easei	ment m/h 7-27A upstream	root cutter	100			4 4 4 5
			This Month	1	Veer to Det	
			This Month 100	Feet	Year to Date	Feet
			100	reet	4011	
l via	leo Inspections	1				
410	Street Name	Туре	Footage]		
Mallano	Ln m/h 3-20A to 3-19	cctv	220			
	ement m/h 7-27B downstream	cctv	120		- 1 - T	
	sement m/h 7-27A upstream	cctv	100	40.00		
	t m/h 7-246 to 7-247	cctv	300			
	m/h 6-148 downstream	cctv	200			to an in the
	/h 11-101 up and downstream	cctv	230			
	√h 10-183 to 10-182	ccty	189			
THE COL	211 TO TOO (C TO TOE	000	This Month		Year to Date	
			1359	Feet	4115	Feet
			1000	1.001		
Pumi	o Station Services	ì				
	Vork performed	Location	Date		Notes	
weekly pumpstation		all 5	3/2/2015		floats cleaned	
weekly pumpstation		all 5	3/6/2015	Gener	rator checks, hi wety	vell checks
weekly pumpstation		all 5	3/13/2015		floats cleaned	
weekly pumpstation		all 5	3/20/2015		floats cleaned	
weekly pumpstation		all 5	3/27/2015		floats cleaned	
			0,21,2010		mound dicance	
Trectal politipolation		lun v	O/E///E010		noute ocurred	
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		Pump 1		Pump 3	nodio dicaneo	
	MP RUN TIMES STATION End Reading	Pump 1 316	HOURS Pump 2 431.1	Pump 3 0.1	nodio dicaneo	
	MP RUN TIMES STATION End Reading Start Reading	Pump 1 316 271.7	HOURS Pump 2 431.1 384.8	Pump 3 0.1 0.1	mode deciries	
PUI	MP RUN TIMES STATION End Reading	Pump 1 316	HOURS Pump 2 431.1 384.8	Pump 3 0.1	mode deciries	
PUI	MP RUN TIMES STATION End Reading Start Reading Hrs Run	Pump 1 316 271.7 44.3	HOURS Pump 2 431.1 384.8 46,3	Pump 3 0.1 0.1	mode secured	
PUI	MP RUN TIMES STATION End Reading Start Reading Hrs Run MP RUN TIMES	Pump 1 316 271.7 44.3 HO	HOURS Pump 2 431.1 384.8 46,3 URS	Pump 3 0.1 0.1	mode secures	
PUI	MP RUN TIMES STATION End Reading Start Reading Hrs Run MP RUN TIMES STATION	Pump 1 316 271.7 44.3 HO Pump 1	HOURS Pump 2 431.1 384.8 46.3 URS Pump 2	Pump 3 0.1 0.1		
PUI Inwood PUI	MP RUN TIMES STATION End Reading Start Reading Hrs Run MP RUN TIMES STATION End Reading	Pump 1 316 271.7 44/3 HOI Pump 1 3383	HOURS Pump 2 431.1 384.8 46.3 URS Pump 2 2643.7	Pump 3 0.1 0.1	mode describe	
PUI	MP RUN TIMES STATION End Reading Start Reading Hrs Run MP RUN TIMES STATION End Reading Start Reading	Pump 1 316 271.7 44.3 HOI Pump 1 3383 3335.6	HOURS Pump 2 431.1 384.8 46.3 URS Pump 2 2643.7 2602	Pump 3 0.1 0.1		
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	Vac Truck Information					
e de		4.00		Days out of the	plant working	
			This Month		Remaining	4-9-4-4
			16	134	16	
			an and the			
100	Fuel Information	Fuel Cost	Fuel Used			
		\$243.54	70.0	Gallons	YTD Gallons	
		\$230.00	66.1	Gallons	1182.9	Gallons
A		\$191.54	56.7	Gallons		
		1919/1911	Frei Sagarai	Gallons	YTD Fuel Cost	
	This Months Total	\$665.08	192.8	Gallons	\$3,942.12	
40.00		Mileage			Engine Hours	
	Month Start			Month Start	5468	
	Month End			Month End	5539,6	
	Total	-1295 .1		Total	-71.6	_
				1		
	Utility Truck Information	Fuel Cost	Fuel Used		\ \\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\	_
		\$104.57	30.05	Gallons	YTD Gallons	_
		\$101.00	29.03	Gallons	667.99	
				Gallons	NEO E LIO	_
			F0.00	Gallons	YTD Fuel Cost	-
	Monthly Totals:	\$205.57	59.08	Gallons	\$1,930.22	
			100			
	Other tasks and notes					
	Otter tasks and notes	l .				
1	3/02/15 - Morning snow removal at plant and pumps	tations Ren	laced air valve	on Vac Truck		
	3/03/15 - Vac out and clean the High Schools greas			0.11 140 11401.		
	3/04/15 - Snow removal around the plant.	o dup and pr	Jinpoladon.			
4	3/10/15 - Got a new battery for Platts Mill's generato	r and installe	ed if		DANGARAN SALA	.*
	3/13/15 - Washed the Service Truck.					
	3/16/15 - Did a 1 ft draw down on #2 pump at Platts	Mill pumpsta	tion. Walked	industrial park ea	asement.	
7	3/17/15 - Unclogged a drop down at m/n 3-105	ante presidente				
8	3/19/15 - Noise assessment evaluation all day. Vac	out and clea	n liquid drop t	off and sorround	ling area.	
	3/20/15 - Vac out and clean Maple / May pumpstation		4 44 6 5 5 7 7	aran kantan dan bahasan		
10	3/23/15 - Vac out basement drains at plant and clea	n the floor.	7.75.75		appropriate and the control	
	3/24/15 - Did a PM on the Vac Truck and Service Tr		and Clean In	wood pumpstation	ons wetwell.	
12	3/25/15 - Met with Kinsley Power at pumpstations fo	r generator s	services.			
	3/26/15 - Vac out and clean drains in the boiler room					
	3/30/15 - Vac out the Plants wetwell all day and one					
15	3/31/15 - Vac out and clean drain in front of foreign :	sludge drop.	Vac out and c	lean Hopbrook p	oumpstations wetwell.	
16		tysk total		<u> </u>		*
17						
18		<u> 1949, 2020</u>				
19						
20					runtosci andrese e annue e ruita a cui	



Sent via certified mail #7009 2820 0004 1018 0989 on April 8, 2015

Municipal Wastewater Monitoring Coordinator Connecticut Department of Environmental Protection Bureau of Water Management 79 Elm Street Hartford, CT 06106-5127

April 8, 2015

Re: March 2015 Reports for Naugatuck, CT WPCF, NPDES # CT0100641

Dear Sir/Madam:

Enclosed please find the *Monthly Operating Report* for March 2015. The *Nutrients Analysis Report for Compliance with General Permit for Nitrogen Discharges* and the *Discharge Monitoring Report* was submitted electronically. There were no exceptions to the reports.

Also enclosed is a summary of sludge sources received at this facility during the month of March 2015.

Please contact me if you have any questions regarding the enclosed revised report.

Sincerely.

Veolia Water North America - Northeast, LLC

John Batorski Plant Manager

cc: James R. Stewart PE, LS, Director of Public Works, Borough of Naugatuck (Enclosure)

Prim Final eff. 4 4 4 4 4 ۸, 1 4 | \$ 4 Δ eff. ۸ CBOD (5-Day) 86 110 45 3/week ဗ 97 mg/ 8 8 220 12 8 8 35 5 4 1 57 69 74 54 88 <u>=</u> Septic Indust Waste Accepted Work Day gal 4,500 8,200 3,900 12,500 8,750 1,500 20,500 8,750 13,750 12,700 135,420 24,050 134,649 33,750 6,750 8,250 1,000 138,336 29,500 1,000 1,500 136,632 11,415 135,420 18,250 141,264 15,500 3,279,163 353,850 147,888 20,500 151,584 22,250 147,888 11,250 158,184 19,200 165,408 29,750 163,116 12,300 gaj 135,420 144,768 169,848 174,024 138,336 82,624 21,656 142,355 131,520 119,256 102,119 147,072 151,008 Waste Dry Solids Sludge to Incineration Wk Day <u>s</u> 3,165 3,590 1,444 17,150 3,726 3,685 1,710 2,016 5,875 3,182 0000 3,420 3,964 13,624 20,484 18,426 1,684 4,402 5,283 5,283 1,962 10,336 5,262 Wk Day 6,201 6,201 7,860 3,037 163,107 g 1.06 1.12 1.16 1.14 0.99 1.19 1,13 1.16 0.94 0.93 0.95 1.03 1.01 40. .3 45. 0.97 1.17 1.01 1.22 1:1 0.91 % Flow %Solids Return Sludge 1 of 3 Work Day 1,05 1.12 1.14 1.14 1.24 0.95 1.08 1.06 1.14 1.22 1,00 1.06 0.94 1.08 0.80 1.08 7.04 9. 1.12 1.11 1.22 Page 6.0 2.0 0:0 <u>4</u>. د. 1.0 1.0 7, 0: 0.0 1.0 1.3 1.2 دن 1.2 0.9 1.0 1.2 7 1.0 7, د. 0.8 1.1 7. 1.1 7: 1.1 L 0.0 € 4/Work Day ₩ Aeration Tank #2 3.9 2.4 2.5 2.6 5.0 H.O. 2.4 2.5 2.2 2.3 2.7 3.2 4.2 5.0 3.1 3.9 5.0 2.4 2.5 2.5 2.5 2.6 2.6 2.5 2.3 3.0 2.7 8 5 20 102 108 128 8 2 79 101 8 78 88 85 90 90 61 81 87 2 2 8 ટ્ટ Work Day 6,568 6,136 6,816 6,656 6,777 MLSS 8,372 7,000 6,956 6,656 6,156 6,160 6,564 6,360 4,936 6,568 7,256 7,872 7,308 6,164 7,168 7,028 % Flow % Solids 0.94 1.06 1.06 0.93 0.95 1.33 0.91 0.97 1.01 1.12 1.10 1.16 1.14 0.99 40. 8. 1.19 1.19 1.16 1.17 1.0 122 1.11 Return Sludge 244 196 204 186 113 145 44 165 204 229 193 172 174 189 448 <u>\$</u> \\ \frac{\partial}{2} 207 194 92 132 117 128 132 8 130 120 122 137 117 347 Permit #: CT0100641 0.5 1.0 8.0 0. 0.3 0.8 0.9 0.8 0.8 0.8 0.8 0.7 0.8 0.4 0.5 0.4 0.5 0.3 0.2 0.2 0.2 6.0 4.0 0.8 0. 0.9 0.8 0.7 0.9 0.7 P S S S S 4/ work day Į, 3.4 3.6 2.9 2.6 2.6 High O.O. 5.0 2.8 2.4 2.7 2.3 5.0 5.0 3.1 3.1 3.2 3.4 33 3.0 2.7 3.4 2.8 2.6 2.8 2.8 2.8 2.7 2 2 106 103 104 8 99 8 35 74 122 78 51 67 1 102 101 86 8 70 82 77 Aeration Tank #1 S Work Day 9,908 5,956 5,684 5,456 6,236 5,588 5,156 5,656 4,240 3,612 4,408 3,756 5,632 6,940 5,944 6,320 5,844 5,488 5,656 3,756 3,764 5,820 6,208 MLSS S. ¥ Primary Sludge Work Day % solids March, 2015 0.614 0.613 0.612 0.613 0.676 0.684 0.448 0.579 0.637 0.633 0.598 0.601 0.453 8.0 0.452 0.532 8.6 0.510 7.4 0.542 0.586 0.561 0.469 0.446 6.7 0.549 5.5 0.540 7.2 0.544 0.457 7.8 0.396 5.7 0.631 6.8 0.607 7.1 0.541 7.8 0.427 S \ó. 5,2 5.6 9.7 8.6 6.7 7.6 4.6 4 7 4.9 5.3 5.2 9.9 8.9 7.8 4.7 7.1 7.1 7.5 8.6 5.3 Total Fotal 255.8159.7 208.1 Sample month/year Daily Flow Max. Min. mgd Daily 3.6 3.5 4.0 4.5 5.0 4.8 6.5 3.8 6.4 7.2 63 5.9 5.3 5.5 5.5 7.3 6.3 6.1 5.2 3.9 3.9 3.4 4.7 5.5 დ 7− 3.1 3.1 6.7 5.7 5.7 7.2 6.2 10.5 10.3 7.5 10.1 6.5 27 10.3 8.3 6.0 5.9 6.0 8,8 6.3 7 7.0 9.9 6.9 7.8 9.4 9.7 9.2 6.6 9.3 9.2 8.8 83 8.2 9.1 93 တ . 7 8.2 9.0 8.7 15 4 ഹ 7 9 Ave. ~ ო ဖ 12 13 4 18 Fred 5 17 19 8 21 22 23 22 23 26 28 ম စ္တ ल

Date received: (stamped)

Facility ID: 088-001

Naugatuck WPCF

Page 2 of 3 of MOR for Naugatuck WPCF

Fig.	ω	Suspe	nded Sol	lids Sett	eaple	urbidity	SES	rine	Chlorine	Chlorine	Fecal	ie G	A	Ammonia			Nitrite			Nitroto				
Fig.		Ħ.	Prim Fir	inal St	Spilds		ದಿ	es.	Residual	Residual	Coliform		1	Prim	- 1	\vdash	Prim	in la			ii.	\ <u>\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\</u>		i.
March Marc						E#.		Ē		— Average				<u>#</u>	Eff.		H H	Eff.			E#.	Ë		Final Eff.
Number N	sic		mg/l	C			sq.	mg/l	l/6m	l/gm	#/100m[#/100ml		mg/l			mg/I			mg/l			ma/l	
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150 56 <5 0.0 0.00<	7						0.00	ĺ																
150 56 <5 0.0 1.6 0.00 0.00 0.00 0.00 16.90 0.07 0.120 <0.010 0.59 2.300 16.90 1 100 <5	22	- 1					0.00																	
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	g)	135	61	5	0.0	3.8	0.00						14.59	1	- 1	9000	070	000	07.0	- 1	- 1	000	- 1	-

Page 3 of 3 of MOR for Naugatuck WPCF

Alkalinik Sludge Disposi Location:		Eff. Ploase rotum forms to:	DEEP - Water Bureau	ATTN: Municipal Wastewater Menitering Coordinator	Municipal Facilities	40 79 Elm Stroot			50 Statement of Acknowledgement		I certify under pentalty of law that this document	and all attachments were prepared under my	1.874 100 60 direction or supervision in accordance with a	40 system designed to assure that qualified	60 personnel properly gather and evaluate the	50 information submitted. Based on my inquiry	50 of the person or persons who manage the	system, or those persons directly responsible	for gathering the information, the information	40 submitted is, to the best of my knowledge and	40 bellef, true, accurate, and complete. I am aware	100 30 that there are significant penalties for submitting	40 false information including the possibility of fine	40 and imprisonment for knowing violations,		Authorized Official:	30 John Batorski	40 Title:	40 Plant Manager	1	40 Signature: Lith Sile	<u></u>	Date: How 1 & 2015				
hinik		#				6		40		30		<u> </u>	9)				Ĺ	40		8	40					40		40			<u> </u>	09	40		97 43
AK	P.	<u> </u>	_			1.850 100	120	8	150	100			4 100	45	110	110	8		-	3 70	8	100	80	5		I	8	8	8	8	8		-	110	2		9
Zinc		Eff.	kg/d	Wkly																2.743				İ			2.466										2.233
Nickel Selenium Zinc		# <u>.</u>	kg/day	Wkly		0.05							0.02				ļ			0.06							0.08										0.05
ckel		盟	kg/d	Wkly		0.26	-						0.25							0.27							0.26										0.26
	-			 		1]			_				_		-			_	1_	<u> </u>			_		<u> </u>						<u> </u>		
Copper		牆	mg/l	Mthly		7 0.012														-	_	ļ				_	+										t 0.012
Arsenic		盟	mg/	wkly		0.007							55.6k0.004							59.2 < 0.004							62.4<0.004										0.004
Temp.		HH.	ш	Work day wkly		64.0	83.1	64.6	65.3	64.2				54.1	53.8	52.2	50.4				62.4	65.3	63.1	62.1				62.6	2.69	64.2	64.2			63.1	65.8		61.2
ē		ī.		Work		55.2	8.40 55.0 63.1	54.7	57.6	10.8			51.6		52.2	52.2	51.8			50.0	4.52 52.9	52.9	52.7	52.0					55.6	55.4	54.1			52.9	53.4		53.4
۵	Final	<u>ti</u>		rch ly) fober)		8.10	8.40						4.88	4.39						4.20	4.52						4.00	4.50									5.37
Ortho P	Inf. Prim	<u>#</u>	mg/l	Nov-March (Monthly) (April - October) 2/week																																	
	'n.			(April		3 2.37																										<u></u>					277 2.37
Total	α.	Eff.	p/q	Apr Oct		က်	8						21	216						279						- 1		294									
	Final	ij		Nov-March (Monthly) (April-October) 2/week		8.10	8.42						4.82	4.56						4.20	4.73					1	€.0	4.94									5.47
Total P	Ŗ.	ᄩᇤ	mg/l	Nov-March (Monthly) pril-Octobe 2/week						ļ																											
ľ	ī.			Z S P.		6.28																							ĺ								6.28
Hd		Eff.	U.	Work Day		6.8	6.7		- 1	9.9				- 1	- 1	- 1	6.7			6.4	6.4	6.4	6.4	6.5				.1.	1	- 1	6.6			6.5	6,4	- 1	9.9
Ω.		Inf.				7.6			- 1	8.0				- 1			7.3			1 1	7.2		1 1	7.2		1	- 1				7.2			- 1	7.2	- 1	7.3
Low	0.0	Eff.	mg/l	4/wk day		8.1		i	2,	8.4				ļ	l.	8.7	9.0			ĺ			7.0	7.1		1	- 1		- 1	7.8	7.5			- 1	7.4		7.9
Total	z	#	p/ql	Mthly 4/wk day		157	172	224					208	252	319					254	258	244				200	3 3	- 1	225					228	273		231
	Final	<u>.</u>				4.1	4.4	4.8					4. 8.	5.3	5.8					3.8	3.6	3.4				Ö	† †		8.					3.5	4.2		4.2
Total N	Prim #		mg/l	Monthly		28.2	_		-					1													1						Ī			3	28.2
-	Inf.			2		38.5	35.9	29.8					31.7	27.4	23.7					15.0	13.0	16.6				17.6	2 2	7.1.7	19.6					18.7	16.7		23.2
	L		Units	Freq .	_	7	ო	4	S.	ω l	.	∞ (<u>ຫ</u>	2	=	12	<u></u>	4	5	92	17	20	6	8	3 13	3 6	╁	-	\dashv	92	27	28	20	စ္က	<u>ે</u>	ota E	Ave

Naugatuck WPCF March Sludge	Report		
Originator_Name	•	Gallons	Wet Tons
Westport		118419	
Beacon Falls Treatment		110500	
North Canaan		39000	
Casella - Chicopee			318.64
Casella - Glen Cove			176.13
Casella - Huntington			303.14
Casella - Poughkeepsie			190.87
Casella - Suffolk			666.39
Casella - Yorktown Heights			43.44
Casella - Yorktown Heights			
Casella - Yorktown Heights			
Casella - Yorktown Heights			
Bristol			509.82
Torrington		403000	000.02
Heritage Village Water		45500	
New Rochelle		10000	
New Rochelle			629.15
Peckham / Byram - HI Stone		6500	023.13
Southbury Car Wash		6500	
Lynwood Place		39000	
Mahopac Sludge & Septic		496000	
New Hartford		65000	
		461500	
Southington Milbar Laboratories		461300 5700	
Ansonia - Synagro		117000	
Bridgeport - East - Synagro		31700 247000	
Bridgeport - West - Synagro			
Greenwich - Synagro		26000	
New Canaan - Synagro		39000	
Newtown - Synagro		13000	
Norwalk - Synagro		119699	
Ridgefield - Synagro		58500	C1 24
Stamford		F2000	61.24
Thomaston Treatment		52000	
Fairfield		26000	
Litchfield		52000	
Plymouth		130000	
Stratford		851500	
Windham		305500	
Americas Styrenics - VES		13000	
Americas Styrenics - sprinkler sys	water	191735	
Bedford Hills		26000	454.46
Danbury Cake		440000	151.16
North Haven		143000	
Pepsi		13000	
Poughkeepsie		461500	
Redding		19500	
Seymour Cake			120.65
Southbury		208000	
Pawling		117000	
Rhinebeck WPCF			11.49
Vogler Bros		19500	
	Totals	5077753	3182.12

Nutrient Analysis Report

For compliance with General Permit for Nitrogen Discharges

Facility Name: NAUGATUCK TREATMENT Co.	Month:	Mar-15
Permit Number: CT0100641	Design Flow:	10.3 MGD

Final Effluent

Final Effluent						
Plant Name	Sample Date (mm/dd/yyyy)	Average Daily Flow (mgd)	TKN (mg/l)	(Nitrite + Nitrate) (mg/l)	Total Nitrogen (mg/l)	Total Nitrogen (lbs/d)
NAUGATUCK TRE	3/2/2015	4.63	1.25	2.82	4.1	158
NAUGATUCK TRE		4.73	1.33	3.02		174
NAUGATUCK TRE	3/4/2015	5.58	1.36	3.46	4.8	223
NAUGATUCK TRE	3/9/2015	5.22	1.21	3.56	4.8	209
NAUGATUCK TRE	3/10/2015	5.67	1.72	3.58	5.3	251
NAUGATUCK TRE	3/11/2015	6.56	2.38	3.46	5.8	317
NAUGATUCK TRE	3/16/2015	7.97	0.98	2.85	3.8	253
NAUGATUCK TRE	3/17/2015	8.61	1.08	2.55	3.6	259
NAUGATUCK TRE	3/18/2015	8.57	1.06	2.33	3.4	243
NAUGATUCK TRE	3/23/2015	7.09	1.05	2.3	3.4	201
NAUGATUCK TRE	3/24/2015	7.14	1.07	2.65	3.7	220
NAUGATUCK TRE	3/25/2015	7.06	1.22	2.62	3.8	224
NAUGATUCK TRE	3/30/2015	7.79	1.01	2.49	3.5	227
NAUGATUCK TRE	3/31/2015	7.75	1.19	2.95	4.1	265
					0	0
					0	0
					0	0
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	•	•	•		Total Pounde	3224

Date of Last Calibration of Flow Meter: 7/15/2014

Total Pounds 3224 Average Pounds 230.2857143

Statement of Acknowledgement

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information including the possibility of fine and imprisonment for knowing violations.

Authorized	
Official:	Title:
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Sent electronically 4-8-15

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sent electronically 4-18-15

COMPOS	Work CP-	Wook CP-	8	COMPOS	CP. COMPOS	COMPOS	Soomboo - 43	CP- COMPOS	CP - COMPOS	SOMPOS SOMPOS	GP. COMPOS GP. COMIPOS	γ2 GR-GRAB γ2 GR-GRAB		y2 GR-GRAB	72 GR-GRAB 72 GR-GRAB	soulvoo co	N2 GR-GRAB
01/90 - Quarterly	03/07 - Throo Per Woek	03/07 - Throe Per Week		01/90 - Guoriany	01/90 - Quartorly	01/20 - Quarterly	01/90 - Quarterly	01/80 - Quartenty	01/90 - Quortarly	01/07 - Weeky 01/07 - Weeky	01/07 - Wookky 01/07 - Wookky	01/80 - Onco Evary 2 Months 01/80 - Onco Every 2 Months	500	Months 01/60 - Once Every 2 Months	01/80 - Once Every 2 Months 01/80 - Once Every 2 Months	01/90 - Quarlerly	01/60 - Once Every 2 Months 01/60 - Once Every 2
Opt Mon DAILY MX 9 - Conditional Monitoring - Not Required This Pendon				Opt Mon DAILY MX 9 - Conditional Monitoring - Not Required This Period	Opt Mon Dali./ MX 9 - Conditional Monitoring - Not Rogulined This Poriced	19 - mg/L 9 - Conditional Monitoring - Not Required This Period	19 - mg/L 9 - Cordiboral Monitoring - Not Roquired This Parjed	19 - mg/L Opt Mon DALLY MX 9 - Canditional Monitoring - Not Regulated This Paried	19 - mg/L 9 - Condiscent Monitoring - Not Required This Penice	19 - mg/L 19 - mg/L	19 - mg/L 19 - mg/L	69 - mg/kg 69 - mg/kg	Opi Mon DALLY MX 19 - mg/L 2 - Condisonal Monitoring - Not Required This Pencel	7,6 m - 0,1	69 - mg/kg 99 - mg/kg	19 - mg/L 9 - Conditional Monitoring - Not Required This Period	19 - mg/L
Opt Mon DAILY MX 9 - Conditional Monitor Period	3			Opt Mon DAILY MX 9 - Canditenna Monite Period	Opt Mon DAILY MX 9 - Conditional Monito Pariod	Opt Mon DAILY MX 9 - Conditional Monito Period	Opt Mon DAILY MX 9 - Conditional Monito Ported	Opt Mon DAILY MX 9 - Conditional Monito Pariod	Opt Mon DAILY MX 9 - Conditional Monito Period	0.007 Reg Men DAILY MX	0 Roq Mon DAILY MX	2.3 Roq Mon INST MAX	Opt Mon Dalt_Y MX 2 - Conditional Monite Panod	0,04 Req Mon INST MAX	0.3 Roq Mon INIST MAX	Opt Mon DAILY MX 9 - Conditional Monite Ported	0
	20	AVG		* * * * * * * * * * * * * * * * * * *						0.005 Freq Mon MO AVG		a ;	-	4	e e	. :	•
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E-Mail: John.Batorski@Voolkawatema.com	moo.er									



STATE OF CONNECTICUT DEPARTMENT OF ENERGY & ENVIRONMENTAL PROTECTION WATER PROTECTION AND LAND REUSE BUREAU



BYPASS REPORT FORM

City or Town: Naugatuik	<u> </u>
Type of Bypass	Cause of Bypass
Raw Sewage	Weather Conditions
Disinfected Raw Sewage Partially Treated Sewage	Machanical Favianiant Fallan
I attany Treated Sewage Disinfected Partially Treated Sewage	Mechanical Equipment Failure Electric Utility Failure
Sludge Spill	Electrical Equipment Failure
Other:	Approved Shutdown
Location of Bypass	Limited capacity:Dry weather
Treatment Plant Pump Station	Wet weather Blockage of Sewer Line due to:
Manhole,Lateral,Basement	Gresse Roots V Other
Main,Private	need to investigate
,	between New St & RT. b3, Letween 446-129 4>
Date and Time By-Pass was Discovered:	3 1 3 1 20/3 2100 AMPM
Date and Time By-Pass was Stopped:3	1 5 1 2015 3145 AMPM
How By-Pass was Discovered: Town en	playee noticed flow down the
Quantity/Volume of By-Pass: 1, 300 pa	ellons
How Quantity/Volume was Determined:	smally, estimate
If Equipment Failure, date of last inspection, ma	intenance or repairs://
Receiving Waters (If Applicable) HOP	BROOK
Steps taken to minimize volume and duration of	By-Pass: Jetting of linp
Action taken to eliminate By-Pass: Jeffin	ig of line
Steps Taken to preyent recurrence of By-Pass:	caneva line to identify
Was area of By-Pass cleaned of debris?	Yes No
Method Used: Manual lator	11.12.106
Date of Last Blockage/ Back up/ Surcharge _	at this location:

BYPASS NOTIFICATION LOG

Permittee shall notify DEEP within 2 hours of becoming aware of the bypass and shall submit a written report within 5 days.

	DATE/ T	<u>IME</u>
2 h 0 u		CT DEEP - Iliana Raffa (860) 424-3758 (Primary DEEP Contact) If Iliana Raffa is not available, you <u>must</u> call Municipal Facilities Section at number below:
rs no	3/5/35	after hours] DO NOT LEAVE VOICE MAIL MESSAGES
r i		20 15-00939 4203 Name of person contacted
hours not if ication		CT Bureau of Aquaculture (203) 874-0696 Option 2 Monday through Friday 8:00 and 4:30 pm (Required only if bypass is south of Interstate Route 95) Name of person contacted.
		After hours/weekend must refer to call list provided by Bureau of Aquaculture DO NOT LEAVE VOICE MAIL MESSAGES
required	/	CT Dept. of Public Health (860) 509-7333 (Drinking Water Section) notify Monday through Friday 8:30 to 5:00 pm if bypass occurred in following towns: Bristol, Cheshire, Danbury, Goshen, Groton, Hamden, Manchester, Mansfield, Middletown, North Haven, Norwalk, Ridgefield, Shelton, Stamford Vernon, and Woodstock.
d	/	Name of person contacted
	/	CT Dept. of Public Health (860) 509-7296 (Recreation Section) notify from Monday through Friday 8:30 to 5:00pm if bypass occurred from April 1 st through September 30 th .
		Name of person contacted
		Local Health Department or Regional Health District Name of person contacted
-		Health Director of Contiguous Towns (Coastal Plants Only) or Health Director of Town Downstream (Inland Plants)
		Name of person contacted
3,	1618 Fm	Fax to CT DEEP, Iliana Ayala (860) 424-4067
-		Fax to CT Aquaculture (203) 783-9976 (If south of I-95)
3/	16/8 An I	Fax to Local Health Department or Regional Health District 203 -88/-3259
R Si St	eport Subrignature:	Fax to Local Health Department or Regional Health District 203-58/-3259 mitted by: Christopler Makuch Title: Assistant float Many er Date: 3/6/2015 Phone # 203-724-7433 appleted Report to either by fax or by mail: State of Connecticut, Department of
121	nergy & Ei	nvironmental Protection, Water Bureau - Attention: Iliana Raffa, 79 Elm Street, Rev. 7/27/2011

Final report Within 5 days



VEOLIA WATER NORTH AMERICA 500 Cherry Street Naugatuck, CT 06770 Tel: 203-723-1433 / 888-682-1433

Fax : 203-723-8539 www.veollawaterna.com



TO Iliana Raffa, CT DEEP 860-424-4067 FAX FROM Christopher Malauch Veolia Water
Naugatuch WWTP

DATE
3:/6/2015 PAGES: including this page sever line bypass repor SUBJECT MESSAGE

P. 1

* * Communication Result Report (Mar. 6. 2015 8:19AM) * * *

1) Veolia Water-NET LLC

Date/Time: Mar. 6. 2015 8:18AM

File No. Mode	Destination	Pg(s)	Result	Page Not Sent
5949 Memory TX	18604244067	P. 3	OK	

Reason for error
E. 1) Hang up or line fail
E. 3) No answer
E. 5) Exceeded max. E-mail size

E. 2) Busy
E. 4) No facsimile connection
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VEOLIA WATER NORTH AMERICA 500 Cherry Street Naugatuck, CT 06770

Tel : 203-723-1433 / 888-682-1433 Fax : 203-723-8539 www.veollawaterna.com



TO Naugati	ub Valley Health Dopar	Iment.
FAX 203-fo	51-3254	
FROM Christ	topher Makuch Veolia Wa gatuck wwTP	der
DATE 3/6	12015	PAGES: Including this page
SUBJECT	Sewer line Lypass Rep	nart
MESSAGE		•
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* * Communication Result Report (Mar. 6. 2015 8:18AM) * * *

1) Veolia Water-NET LLC

Pate/Time: Mar. 6. 2015 8:17AM

File No. Mode	Destination	Pg(s)	Result	Page Not Sent
5948 Memory TX	2038813259	P. 3	 OK	

Reason for error
E. 1) Hang up or line fail
E. 3) No answer
E. 5) Exceeded max. E-mail size

E. 2) Busy
E. 4) No facsimile connection
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QVEOLIA

VERM WATER NORTH ALBERTO ECO Chary Stork Hexadex, OT Corra Tel 1 203-728-1433 / 228-123-1433 F201-208-723-6539 Partin Cambridge Com

Fax

to Naugatuck Valley Houth Dopartment

FAX 203-88-1-7257

MOM Christopher Mabuch Vedia Water Naugatuck, WWTP

DATE 3/6/2015

PAGES: 3

SUBJECT Sewer line Lypass Report

Hessage

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. Affirmative Action/Equal Opportunity Employ

March 27, 2015

Electric Cable Compounds, Inc. 108 Rado Drive
Naugatuck, CT 06770

Attn: Jim Morrell, Director HES ECC

Re: Voluntary Self-Disclosure

Dear Mr. Morrell:

This is to acknowledge receipt of your January 26, 2015 letter, which provided additional information concerning violations disclosed by Electric Cable Compounds ("ECC") under the Department's *Policy on Incentives for Self-Policing* (the "Self-Policing Policy"). The January 26th letter was submitted in response to the Department's January 7, 2015 request for additional information.

ECC's application for registration for coverage under the Department's *General Permit for* the Discharge of Stormwater Associated with Industrial Activity has been received for processing by the Water Permitting and Enforcement Division ("WPED"). Please note that application no. 201500103 has been assigned to ECC's application. It is anticipated that the approval of registration will be issued at the beginning of April.

In your letter, you anticipated that the application for an industrial wastewater pretreatment permit would be submitted by March 6, 2015. Be advised that as of the date of this letter, the application has not been received by WPED. Please contact Peter Ploch at 860-424-3280 or via e-mail at Peter.ploch@ct.gov, or Mariana Miller at 860-424-3805 or via e-mail at Mariana.miller@ct.gov, to provide notification as to when the application will be submitted.

As indicated in my January 7, 2015 letter to ECC, WPED must still assess the need to take action to recover the economic benefit that ECC obtained by failing to comply with the applicable statutes and regulations. This assessment will be conducted after both permit applications have been received and reviewed, and monitoring requirements for the permits have been developed.

Yours truly,

Oswald Inglese, Jr., Director

DEEP Water Permitting and Enforcement Division

Note: CCs on reverse side

CC: Peter Ploch, DEEP/WPED (via e-mail)
Mariana Miller, DEEP/WPED (via e-mail)
Karen Abbott, DEEP/WPED (via e-mail)
Nicole Lugli, DEEP Office of Planning and Compliance Assurance (via e-mail)
Gene Fridland, Electric Cable Compounds
Brian Freeman, Esq., Robinson & Cole
James Stewart, Director of Public Works, Naugatuck
John Batorski, Veolia Water, Naugatuck POTW
Gil Ryan, Woodard & Curran



Water
Wastewater
Infrastructure

March 31, 2015 W-P Project No. 13117A

Mr. John Batorski, Project Manager Veolia Water 500 Cherry Street Naugatuck, CT 06770

Subject:

Naugatuck Water Pollution Control Facility (WPCF)

Review of Ash Lagoon Management Plan for Compliance with

NPDES Permit No. 0100641

Dear John:

As requested, Wright-Pierce has reviewed the Ash Lagoon Management Plan developed by Veolia Water (VW) for the Naugatuck WPCF. On February 12, 2015, Wright-Pierce (W-P) personnel performed a site visit to inspect the lagoons and ash handling facilities. Tom Deller and Natalie Verlezza were present from VW, and Mariusz Jedrychowski, PE, and Amanda Ziegler, PE, represented W-P. At the meeting, W-P and VW staff discussed ash lagoon procedures and permit requirements, and then W-P performed a site inspection of the lagoons and ash handling area.

The following are ash lagoon specific permit requirements, as outlined in Section 10, Paragraph B of the permit, followed by a description of current operations and procedures at the Naugatuck WPCF. A complete copy of NPDES Permit No. 0100641 is included as Attachment A.

(1) Description of best management practices including the dredging of the ash lagoons on a frequency necessary for maintaining them in a good operational condition.

There are two ash lagoons at the Naugatuck WPCF. Each is capable of treating the ash effluent from the incinerator, and lagoons are set up to operate individually. The ash slurry flow rate is ~300 gpm. Each lagoon has 792,000 gallons of available volume when empty, giving an approximate retention time of 44 hours. The available volume slowly decreases while the lagoon is in operation as ashes settle out. The effluent is sampled weekly to ensure the ash slurry is being properly treated.

Once the Total Suspended Solids (TSS) in the effluent of the operating lagoon reaches approximately 200 mg/L, the lagoon is taken offline and the standby lagoon is put into service. Lagoons are emptied by activating the valves such that the standby lagoon is put online and the active lagoon is closed. The lagoon is then allowed to drain slowly back to the headworks. Once the liquid level drops below the effluent structure, a sump pump is used to pump out the remaining liquid. After the lagoon is emptied, it is dredged, inspected, and repaired if needed. Generally, lagoons are switched and dredged once per year. See Attachment B (Ash Lagoon Management Plan) for further details.

Mr. John Batorski March 31, 2015 Page 2 of 3



(2) Description of the dewatering and disposal measures of the dredge spoils in accordance with applicable regulations and best management practices.

After a lagoon is taken offline and emptied, it gradually dries out and is dredged. Dredging typically occurs from the edges inward as the edges dry out first. Stockpiled dredged material is piled and allowed to drain, either in the non-operating lagoon or on the center berm between lagoons. No ash is deposited or stockpiled on the exterior edges of the lagoons; ash is only temporarily piled on the berm between lagoons so runoff is contained within the lagoons. Once drained, ash is moved to the ash lagoon pad, which is an impervious structure adjacent to the lagoon area enclosed by concrete blocks. VW staff sprays water on the ash as needed to eliminate fugitive dust. See Attachment B for further details. Dredged ash spoils are hauled offsite to a permitted landfill and used as a daily cover.

(3) Implementation and maintenance of proper erosion control measures.

The lagoon area has been graded and seeded such that runoff is directed into the lagoons. A silt fence is installed around the perimeter of the lagoons.

The ash lagoon perimeter is graded and sloped to allow any runoff to flow directly into the lagoons. The ash lagoon perimeter is seeded and mowed, with the exception of the loading area. A silt fence along the entire perimeter provides additional protection to contain runoff. The silt fence is inspected and maintained as needed. Groundwater monitoring of the area around the ash lagoons is not required.

(4) Verification that the existing sampling location(s) at the effluent of each ash lagoon is representative of the discharge.

Effluent monitoring is performed at the effluent structure, which provides a representative sample of the effluent. Ash slurry from the incinerator enters the lagoons from the east and effluent structures are located opposite each inlet. This gives maximum retention time in the lagoons for most effective treatment. Flow through the lagoons is slow, which minimizes mixing and encourages particles to settle. See Attachment B for photos showing sampling locations.

The ash lagoon effluent is sampled every Wednesday and samples are sent to the laboratory bi-monthly. Effluent samples are analyzed for the parameters required by Table G of the permit (see Attachment B). A representative laboratory report (included in Attachment C, Laboratory Results) shows the test results. All parameters are included except temperature, pH, and TSS, which are included in the attached "Lab Bench" report (included in Attachment C).

(5) Establishment of a monitoring program in accordance with the requirements of table G monitoring location W included in Attachment B of this permit.

Ash lagoon effluent is sampled every Wednesday. The permit requires sampling to be conducted bimonthly. Weekly sampling meets and exceeds the permit requirements. Samples are sent to the laboratory every other month for analysis.

Other Considerations

Mr. John Batorski March 31, 2015 Page 3 of 3



On February 14, 2015, a trespassing vehicle accessed the lagoon area through the Elm Street entrance. The vehicle continued past numerous signs stating "Authorized Personnel Only" and proceeded into the lagoon area. Although no damage was inflicted and no one was injured in this incident, there are significant hazards in the area and trespassers must be kept out.

There is an existing electric gate along Elm Street that is owned and maintained by Chemtura, but this gate is currently inoperable, which allowed the vehicle to access the ash lagoon area. VW staff will install a cattle gate and sign to ensure the area is more effectively secured.

Based on our review of pertinent information provided by VW, interviews with VW staff, and site visit observations, Wright-Pierce concludes that the Naugatuck WPCF ash lagoon maintenance and sampling plan developed by VW meets the ash lagoon specific requirements outlined in Section 10, paragraph B of Permit No. 0100641.

Please contact us if you have any questions.

Sincerely,

WRIGHT-PIERCE

Mariusz Jedrychowski, P.E. Senior Project Manager

Amanda E. Zfogler, PE

Project Engineer



Sent via certified mail on April 3, 2015: Receipt # 7009 2820 0004 1018 0972

April 3, 2015

Connecticut Department of Energy and Environmental Protection Mr. John Degirolamo Bureau of Air Management Compliance Analysis & Coordination Unit 79 Elm Street, 5th Floor Hartford, CT 06106-5127

Subject: First Quarter 2015 CEM Cylinder Gas & Opacity Report

Dear Mr. Degirolamo:

Enclosed please find enclosed a copy of the *Cylinder Gas/Opacity Audits* for the first quarter of 2015. All data is within acceptable ranges.

Please contact me if you have any questions regarding the enclosed reports.

Sincerely,

Veolia Water North America-Northeast, LLC

John Batorski Project Manager



Test Report - CEMS Cylinder Gas & Opacity Audit First Quarter 2015

CEMS/COMS Monitoring the Fluidized Bed Incinerator Borough of Naugatuck Naugatuck, CT

PREPARED FOR:

Veolia Water

500 Cherry Street

Naugatuck, Connecticut 06770

CONCERNING:

Cylinder Gas Audit (CGA) and Opacity Audit

Fluidized Bed Incinerator

500 Cherry Street

Naugatuck, Connecticut 06770

PREPARED BY:

CK Environmental, Inc.

1020 Turnpike Street, Suite # 8

Canton, MA 02021

CK Project No. 4861

April 2, 2015



REPORT REVIEW CERTIFICATION

I, the undersigned, hereby certify that I have personally reviewed this report and to the best of my knowledge all information and calculations contained herein are true, accurate, and complete.

Reviewed by:

Michael Unterweger / Project Manager



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TEST SUMMARY

Facility Name:

Veolia Water North America - Northeast, LLC

500 Cherry Street

Naugatuck, Connecticut

Facility Contact:

Veolia Water NA - Northeast, LLC

John Batorski / Plant Manager

Tel. No. 203-723-1433

Email: john.batorski@veoliawaterna.com

Regulatory Agency:

State of Connecticut

Contact:

Department of Energy and Environmental Protection

John Degirolamo / Air Pollution Control Engineer

Tel. No. 203-424-3562

Testing Organization:

CK Environmental, Inc.

1020 Turnpike Street, Suite 8 Canton, Massachusetts 02021

Project Manager:

Mr. Michael Unterweger / Project Manager

Tel. No. 781-828-5200

Email: munterweger@cke.us

Test Personnel:

Mr. Michael Unterweger / Project Engineer

Unit Tested:

Sludge Incinerator Exhaust Stack

Test Date:

March 25, 2015



1.0 INTRODUCTION

1.1 Summary of Test Program

CK Environmental, Inc. (CK) was contracted by Veolia Water North America to conduct a cylinder gas audit (CGA) and an opacity audit on the Continuous Emissions Monitoring System (CEMS) which monitors the emissions at the Fluidized Bed Incinerator located in Naugatuck, Connecticut. The CEMS/COMS monitor the emissions of oxygen, carbon monoxide and opacity from the incinerator operated at this facility. Auditing of the CEMS/COMS was conducted on March 25, 2015.

The purpose of this test program was to demonstrate that the accuracy of the CEMS/COMS operated at this facility and to ensure that it met the acceptance criteria for relative accuracy (RA) as required by the Code of Federal Regulations, Title 40 - Part 60, Appendix F, Section 5.0. The opacity audit was performed to satisfy the quarterly "Performance Specification 1, Section 7.0.

A brief description of the facility is contained in Section 2.0. Section 3.0 of this test report summarizes the results of this testing program. Section 4.0 describes the test methods and procedures used. The CK quality assurance procedures are detailed in Section 5.0. Test field data sheets have been included in Appendix A. Facility CEMS and process data printouts are presented in Appendix B. All relevant calibration documentation has been provided in Appendix C.

1.2 Key Personnel

The test program was coordinated by John Batorski. Mr. Michael Unterweger of CK is the project manager for this effort and was responsible for all on-site audit activities. Contact information for key personnel can be found in Table 1-1 below.

Table 1-1
Key Personnel

Contact	Company	Telephone No.
John Batorski	Veolia Water	203-723-1433
Michael Unterweger	CK Environmental, Inc.	781-828-5200



2.0 PLANT AND SAMPLING SYSTEM DESCRIPTION

2.1 Process Description and Operation

Veolia Water North America Northeast, LLC operates the Borough of Naugatuck POTW which incinerates approximately 51 dry tons of municipal sludge per day and processes nonhazardous industrial waste water. A fluidized bed incinerator (FBI) is used to incinerate sludge. The POTW also houses settling tanks, aeration tanks, thickening tanks, holding tanks, and sludge belt filter presses.

The Zimpro fluidized bed incinerator has a sludge design feed rate of 3.5 DT/hr. Sludge is fed to the bottom of the sand bed where air is injected at high pressure under the bed, fluidizing the sand and the sludge. Processing of sludge within the sand bed consists of evaporation of water and pyrolysis of organic material. The remaining carbon and combustible gases are burned in the freeboard area above the sand bed. Oil lances are located within the sand bed in order to deliver auxiliary fuel to maintain the desired combustion temperature if necessary. All ash generated in the combustion chamber leaves the top of the incinerator.

After the flue gas passes through the waste heat recovery unit, particulate is removed by a combined venturi and impingement tray scrubber system, and wet electrostatic precipitators (WESP). The venturi section consists of a narrow, adjustable throat, which increases gas velocity, turbulence and contact with added water, in order to collect ash particles and acid gases. The impingement tray scrubber provides cool plant effluent, which removes additional particulate and acid gases. There are two identical WESPs located in parallel of which only one operates at any given time.

2.2 Continuous Emission Monitoring System

The continuous emissions/continuous opacity monitoring system is designed to meet the requirements of 40 CFR, §60.13, §60.150 and 40 CFR, Part 503, Subpart E, §503.40., and 40 CFR, Part 60, Appendix B, PS 1. The extractive CEMS transport sample gas from the stack mounted sample probe via heated lines and sample conditioning system to the analyzers for continuous monitoring of gaseous pollutants. Effluent concentrations of carbon monoxide (CO) and oxygen (O2) are measured by the CEM system. In addition, the system monitors opacity at the outlet stack of the FBI.

The CEM sampling system is full dry extractive design. The system extracts a sample from the gas stream through a primary filter located at the sample probe, and transports it from the sampling location to the CEMS analysis enclosure in a heated sample line. The sample lines and filter are maintained at 250 °F to prevent the sample from condensing during transportation to the sample conditioning system. The heated line terminates at a thermo-electric condenser where moisture is removed from the sample gas stream. Dry sample gas exiting the condenser passes through a second particulate filter, the single head heated sample pump, and a backpressure regulator prior to distribution to the analyzers via separate flow controlling rotometers. The sample probe located on the exhaust stack is of sufficient length to reach the center sampling point of the stack.

The moisture removal systems continuously remove moisture from the sample gas while maintaining minimal contact between the condensate and the sample gas. The M&C Tech Group Model ECS



thermoelectric gas sample chiller contains two (2) glass heat exchangers that are continuously drained of condensate by a dual head peristaltic pump. Temperature of the chiller is regulated and set to maintain a temperature of 40 °F.

A single head - heated, diaphragm pump is used to transport the gas sample through the system to the analyzers. This pump is manufactured by Air Dimensions and all parts coming into contact with the sample gas stream are Teflon, Kynar or stainless steel.

The COM system monitors the opacity emissions present in the exit gas of the FBI stack. The COMS utilizes a Land Combustion, Model 4500 Mark II, opacity monitor. This monitor is a microprocessor based system and operates in a dual pass mode in the visible light spectrum. Data collection and daily calibration error checks are performed by the data acquisition handling system (DAHS).

Table 2-1 CEMS Specifications

Parameter	Manufacturer	Model	Serial No.	Range
O2, Dry	Siemens	Oxymat 6E	7MB20211 EAOOOAA 1	0-25%
CO	Thermo Environmental	48i	1405660903	0-300 ppmvd
Opacity	Land	4500 Mark II	0095478	0-100%

A Contec Data Acquisition Handling System (DAHS) uses an Allen Bradley programmable logic controller (PLC), an Ethernet data highway, a Dell computer, and Windows XP operating system. The system is designed to meet 40 CFR §60.13, 40 CFR 60, Subpart 0, section §60.155, 40 CFR, Part 503, Subpart E, sections §503.41 (f), (h) and CTDEP requirements as provided in the Facilities Title V permit.

The Allen Bradley SLC 505 PLC is the foundation of the data collection, data averaging, alarm, and warning functions. These functions are performed in standard ladder logic. Additionally, the PLC is responsible for daily calibration error checking, short-term data storage, and communications over an Ethernet module to the DAHS computer.

The Contec Data Acquisition Handling System software is configured to display pollutants in units of concentration and in units of emissions. The DAHS also collect process data for Subpart "0" reporting requirements. Data is provided on the display screens as I minute averages, 6 min averages (opacity only), 1-hour averages, and 24-hour averages. The system performs standard reporting functions including minute, hourly, daily, and monthly reports, daily calibration and system downtime summaries, and source and analyzer downtime reports. Additionally, the Contec software provides the CEMS data in a graphics mode as trend panels, bar graphs, and strip chart displays. The graphic displays show the CEMS data as real-time or as historical trends. The system also displays and record process data as 1-minute, 1-hour, and 24-hour averages.



3.0 SUMMARY OF RESULTS

3.1 Objectives

The purpose of this test program was to demonstrate that the accuracy of the CEMS/COMS operated at this facility and to ensure that it met the acceptance criteria for relative accuracy (RA) as required by the Code of Federal Regulations, Title 40 - Part 60, Appendix F, Section 5.0. The opacity audit was performed to satisfy the quarterly Performance Specification 1, Section 7.0. The testing satisfies the requirements set forth in the facility's Title V permit (Permit No 109-0059-TV).

3.2 Field Test Changes

All testing was conducted in accordance with the current regulations listed in Section 3.1 of this report. No field changes were necessary for this test program.

3.3 Presentation of Results

A CGA was conducted on the outlet CEMS installed on the incinerator operated at this facility to document the CEMS RA for the first quarter 2015. The CEMS oxygen and carbon monoxide CGA and opacity audits were conducted on March 25, 2015.

The CGA was conducted in accordance with the test procedures and acceptance criteria of 40 CFR 60, Appendix B. All pollutant and diluent gas monitors were each challenged three times with two different calibration standards, a low-audit point and a mid-audit point. The concentrations of audit gases conformed to range specifications defined in 40 CFR 60, Appendix A. The responses of the monitors to the gas standards were recorded by the facility data acquisition and handling system (DAHS) as one-minute averages. The RA of each monitor was determined for each standard as the difference between the average response to the standard, and as a percentage of the standard concentration. The protocol calibration gases were directed into the same location that the gases are sent into for the daily calibrations.

The opacity audit was performed by alternately passing three filters of differing optical density (\approx 10%, 20% and 35%) in to the opacity monitor. The results of the audit were calculated using the average response of the monitor over the passes of the filters. The outcome of the opacity audit is based on the results of five passes of the filters.

Table 3-1 summarizes the test results for each of the parameters of the CEMS. All monitors were able to demonstrate compliance with the acceptance criteria of 40 CFR Part 60, Appendix B of less than or equal to 15 percent of each audit gas standard concentration during the CGA. Table 3-2 summarizes the COMS test results with criteria found in Performance Specification 1 with the opacity monitor reading with less than 3% difference from the corrected filter value.



4.0 SAMPLING AND ANALYTICAL PROCEDURES

4.1 Cylinder Gas Audit Procedure

The CGAs were conducted in accordance with the test procedures and acceptance criteria of 40 CFR 60, Appendix F. All pollutant and diluent gas monitors were each challenged three times with two different calibration standards, a low audit point and a mid-audit point. The responses of the monitors to the gas standards were recorded by the facility data acquisition and handling system (DAHS). The RA of each monitor was determined for each standard as the difference between the average response to the standard and the standard concentration as an absolute difference, and as a percentage of the standard concentration.

4.2 Opacity Audit Procedure

The opacity audit was performed by alternately passing three filters of different known opacity values (9.72, 20.06, and 32.70) in to the opacity monitor. The results of the audit were calculated using the average response of the monitor over the passes of the filters. The outcome of the opacity audit is based on the results of five passes of the filters.

5.0 CK's QUALITY ASSURANCE PROCEDURES

CK's emission test teams are committed to providing high quality source emissions measurement services. To meet this commitment, CK follows appropriate US EPA sampling procedures and implements appropriate quality assurance/quality control (QA/QC) procedures with all test programs. These procedures ensure that all sampling is performed by competent, trained individuals and that all equipment used is operational and properly calibrated before and after use. Records of all CK equipment calibrations are maintained in CK's files.

The CK quality assurance program generally follows the guidelines of the US EPA Quality Assurance Handbook for Air Pollution Measurement Systems, Volume III - Stationary Source-Specific Methods (EPA/600/R-94/038c - September 1994) as well as CK's in house Quality Manual.

5.1 Sampling

Compressed gases used as audit standards are always US EPA Traceability Protocol certified calibration gas standards, certified in accordance with Procedure No. G1 with an analytical accuracy of +/- 1 percent. The Certificates of Analysis for the gas standards used during the performance of the CGA were available on site and are presented in Appendix C.

All opacity filters are calibrated and certified by Environmental Monitor Service, Inc. Each filter is assigned a serial number and calibrated on an annual basis. All calibration certificates can be found in Appendix C.



5.2 Reporting

All reports undergo a tiered review. The first review of the report and calculations are made by the report's author. A second review is then performed by another Project Engineer/Scientist. The review process is verified by the signed Report Review Certification which has been included as part of this test report.



TABLES



Table 3.1 Summary of Results
Cylinder Gas Audit
FB Incinerator
Veolia Water NA - Naugatuck, CT
Naugatuck, Connecticut
1st Qtr - 2015

15.0% or 5 ppm 15.0% or 5 ppm 15.0% or 0.5% O₂ 15.0% or 0.5% O₂ CGA Criteria Error (abs. diff.) 2.30 1.33 0.11 Cylinder Gas Audit Error (% of std.conc.) 3.07 2.20 Average Response 77.30 9.90 Standard Conc. 75.00 167.80 5.01 10.00 Span / Units 0-300 ppm 0-25% Siemans Monitor TECO Test Date 03/25/15 03/25/15 Carbon Monoxide Oxygen CEMS

Table 3.2 Summary of Results

OPACITY AUDIT CALCULATION SHEET

								Del L^2	0,4	0.3	0. 4	4.0	4.0	1.9						9.0	0.2776	0.0		0.7	9.0
Corrected Filter	values (4)		7.04	74 77	77"17	24.63		Delta (0.7	9.0	9.0	0.7	0.0	3.1	9.6	1.9	5.0	0.0	L/N)		Confidence Interval(CI)=SQRT((N*B)-A)*0.2776		ם		II
	ı			1		ı		Value	24.6	24.6	24.6	24.6	24.6		. 2 =	2) =			(Sum Delta		(CI)=SQRT		ABS (ME) +	11	ean Error :
Actual Filter	0 714	3	9.72	30.05	70.00	32.70		High	25.3	25.2	25.3	25.3	25.3		(Delta L)	$B = Sum (Delta L ^ 2) =$		A =	Mean Error (ME) = (Sum Delta L / N)		ce Interval		Calibration Error = ABS (ME) + CI	Calibration Error (1) =	6 Minute Average Mean Error =
	() (ì						z	H	7	m	4	ι V	Sum =	A = Sum	B = Sum	 2	(N * B) - A =	Mean Err	ME II	Confiden	∥ Ü	Calibratic	Calibratic	6 Minute
3/25/15 Ryan Warren	PATH (FNGTH CORRECTION FACTOR (PLCF) =		LOW CALIBRATION FILTER VALUE =	MID CALIBRATION FILTER VALUE =	ייבוי איינטר ו	HIGH CALIBRATION FILTER VALUE =		Del L^2	0.2	0.2	0.1	0.1	0.1	8'0						4.0	0.2776	0.1		0.4	0.5
DATE: Auditor:	TH CORRE		RATION FI	ATTON FIL		3ration fi		Delta L	0.4	0.4	0.3	0.4	4	2.0	3.8	0.8	2.0	0.0	/ N)		((N*B)-A)*(Ħ		
1	PATH (FNG		LOW CALIB	MID CALTRI		HIGH CALIF		Value	14.8	14.8	14.8	14.8	14.8		1	= (Mean Error (ME) = (Sum Delta L / N)		Confidence Interval (CI) = $SQRT((N*B)-A)*0.2776$		Calibration Error = ABS (ME) $+ CI$	11	an Error =
								<u>Σ</u> .	15.2	15.2	15.1	15.2	15.1		= Sum (Delta L) ^ 2 =	Delta L ^ 2		11	r (ME) = (S		e Interval (Error = Α	Calibration Error $(1) =$	Minute Average Mean Error =
atuck, CT								Z	Ħ	7	M	4 ∃	in (≡ uns	A ≈ Sum (B = Sum (I Z	(N * B) - A =	Mean Erro	ME	Confidenc	п	Calibration	Calibration	6 Minute
Veolia Water NA - Naugatuck, FB Incinerator	High	25.28	25.19	4 K 6 K	25.25	25.20		Del L^2	0.1	0.0	0.0	0'0	0.0	0.2						0.2	2776	0.2		0.3	0.1
Veolia Water N FB Incinerator	Mid	15.20	15.22	15.40	15.14	15.26		Detta L	4.0	0.1	0.1	0	6	8 3	0.7	0.2	5.0	0.3	2		N*B)-A)*0.				
CLIENT: SOURCE:	Low	7.17	7.10	7.18	7.19	7.14		Value	7.0	7.0	7.0	7.0	0'./		ĮĮ.	11			n Delta L/) = SQRT(((ME) + CI		ı Error ⊨
	Zero 0.07					y C	3	Low	7.2	7.1	7.1	7.2	7.7	:	10 () v 2	(C \)		11	ME) = (Sur		nterval (CI		irror = ABS	irror $(1) =$	erage Mear
Environmenta	Run # Pre Zero	₽	7 0	ი 4	· 1/3	6 Min Avg		z		N 1			ብ 		$A = Sum (Deitea L) ^2$	$B = Sum (Delta L ^ 2)$	ll Z	(N * B) - A =	Mean Error (ME) = (Sum Delta L / N)	ME	Confidence Interval (CI) = $SQRT((N*B)-A)*0.2776$	D II	Calibration Error = ABS (ME) + CI	Calibration Error $(1) =$	6 Minute Average Mean Error ⊨

^{(1) -} Calculated per 40 CFR 60 Appendix F Procedure 3 (CE \le 3.0) (2) - Corrected Filter Value = 1-(1-Actual Filter Value) $^{\rm PLG}$

where the actual filter value = (Labeled % opacity / 100)



APPENDIX A

FIELD DATA & CALCULATION SHEETS



CYLINDER GAS AUDIT DATA SHEET

Client: Instrument: Veolia Water NA - Naugatuck, CT

Siemans

Model: Serial #: Date:

Oxymat 6E 7MB20211-EA000AA 1

03/25/15

Test Area:

Diluent: Range:

FB Inclnerator Oxygen

0-25%

MU

Auditor: Quarter:

1st Qtr - 2015

LOW-RANGE AUDIT

	Audit	Audit	Audit	AVERAGE	CYLINDER	PGVP ID# = N22014
	Response 1	Response 2	Response 3	RESPONSE	VALUE	Gas Code = N/A
RESPONSE	4.9	4.9	4.9	4.9	5.01	Cylinder # = EB0054499
TIME	7:38	7:48	7:58	AXCCURATCY) =	220	Exp. Date = $2/4/2022$

MID-RANGE AUDIT

TIES TO MICE TIES	PAI					
	Audlt	Audit	Audit	AVERAGE	CYLINDER	PGVP ID# = N22014
	Response 1	Response 2	Response 3	RESPONSE	VALUE	Gas Code = N/A
RESPONSE	9,9	9.9	9.9	9.9	10.00	Cylinder # = EB0054497
TIME	7:43	7:54	8:02	AYGGREAYGA E	AND MODEST	Exp. Date = 2/4/2022

ACCURACY CALCULATION

ACCURACY = ((Cm - Ca) / Ca) * 100

where:

Cm = Analyzer Response during audit (units of standard or concentration)
Ca = Average Audit Value (the calibration gas cylinder concentration)



CYLINDER GAS AUDIT DATA SHEET

Client: Instrument: Veolia Water NA - Naugatuck, CT TECO

Test Area: Pollutant: F8 Incinerator Carbon Monoxide 0-300 ppm

Model: Serial #:

Date:

48i 1405660903 03/25/15 Range: Auditor: Quarter:

MU 1st Qtr - 2015

LOW-RANGE AUDIT

EGT TO MOL NO	Audit Response 1	Audit Response 2	Audit Response 3	AVERAGE RESPONSE	CYLINDER VALUE	PGVP ID# = N22014 Gas Code = N/A
RESPONSE	77.4	77.3	77.2	77.3	75.00	Cylinder # = EB0054499
TIME	7:38	7:48	7:58	ACCUPACY =	30//2/2	Exp. Date $= 2/4/2022$

MID-RANGE AUDIT

	Audit	Audit	Audit	AVERAGE	CYLINDER	PGVP ID# = N22014
i	Response 1	Response 2	Response 3	RESPONSE	VALUE	Gas Code = N/A
RESPONSE	166.2	166.7	166.5	166.5	167.80	Cylinder # = E80054497
TIME	7:43	7:54	8:02	ACCURACY E	0.70	Exp. Date = $2/4/2022$

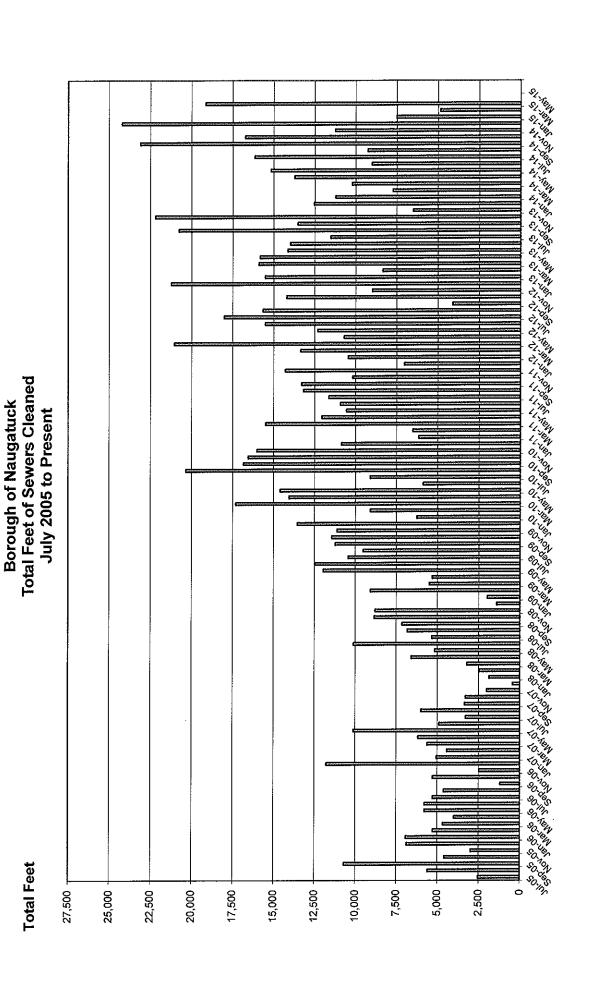
ACCURACY CALCULATION

ACCURACY = ((Cm - Ca) / Ca) * 100

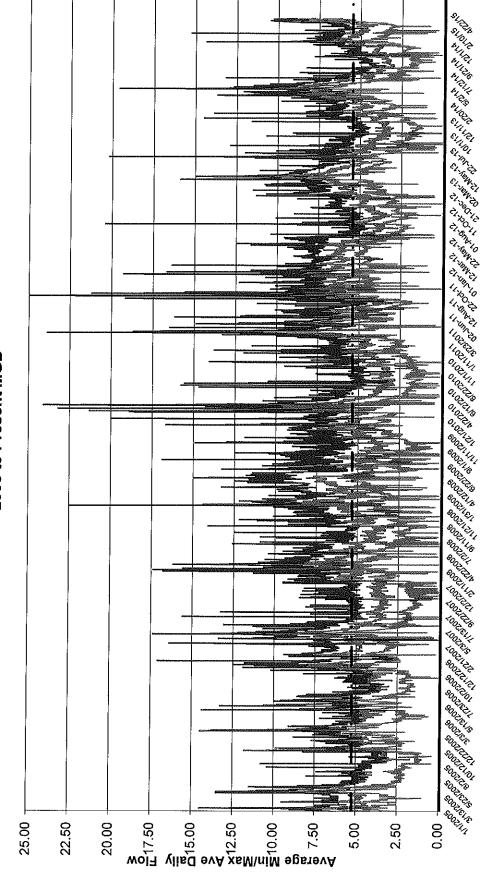
where:

Cm = Analyzer Response during audit (units of standard or concentration)

Ca = Average Audit Value (the calibration gas cylinder concentration)



Naugatuck WPCF Daily Min/Max/Total Flow Data 2005 to Present MGD

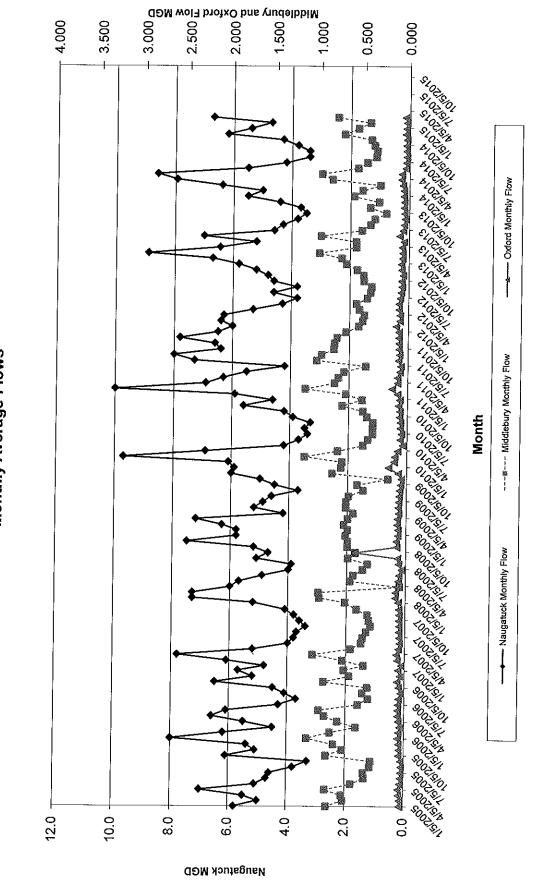


Linear (Effluent Flow Average)

Effluent Flow Max

Effluent Flow Average

Naugatuck, Middlebury and Oxford 2005 to Present Monthly Average Flows



ODOR COMPLAINT REPORT

CALL TAKEN BY: PMA:
NAME OF COMPLAINTANT: Denise Figueroa PHONE NUMBER: 203-518-2414
ADDRESS/LOCATION WHERE ODOR IS BEING DETECTED: 326 Cherry St. Ext.
STRENGTH OF ODOR: FAINT NOTICABLE DEFINITE STRONG OVERWHELMING DESCRIPTION OF ODOR: AMMONIA CABBAGE FECAL FISHY GARLIC MEDICINAL ROTTEN EGGS SKUNKY SOLVENT/FUEL OTHER
DOES THE CALLER WANT A FOLLOW-UP CALL? YES NO
DON'T FORGET TO THANK THE CALLER FOR THEIR CONCERN!! See attacked
ODOR INVESTIGATION:
(FROM CONTROL ROOM WEATHER STATION)
WIND DIRECTION: ESE WIND SPEED: 5 WEATHER: TEMP 42 RAIN 0.10 HUMID 99 DRY UNSEASONABLY WARM/COLD seasonable with light (2)
COMPLETE PLANT SURVEY LISTING POSSIBLE SOURCES OF ODORS CONTRIBUTING TO THE COMPLAINT: Our own cake unloaded to happer @ 11:15 AM
ODOR CONTROL EQUIPMENT STATUS: PRIMARY SCRUBBER: ON OFF PHENORP > 47 MAKE UP WATER: 0.5-1 GPM SPRAYS
FILTER BLDG SCRUBBER: ON OFF PHE ORP WATER: 1-3 GPM PRAYS
PERMANGANATE FEEDERS:
AERATION: ONOFF_ VERIFIED OPERATIONAL: YESNO
SLUDGE STORAGE: ON OFF VERIFIED OPERATIONAL: YES NO
ODOR COUNTERACTANT SYSTEM: ON OFF VERIFIED OPERATIONAL: YES SPRAYS
COMPLAINT REVIEWED BY: John Batorsk, DATE: 3-16-15 TIME: ~ noon -
RETURN CALL MADE BY: Same as a love DATE: TIME:
RETURN CALL RESULTS: Called Mrs Figueroa on 3-16-15 Menday Discussed adors, frequency time etc. She stated order started a 11 AM and got stronger water until a 1 PM, The stated there are odors on weekends (some), or early in the morning She stated people were moving out the to adors. I told he we had I truck down that Saturday around 11 AM. No other trucks were on site, That day our Admin Manager, Maint. Mark & Ass't Supt were all on site and reported no unusual odors They were on site a 10 AM & 1 PM to
told here we take every complaint soriously and try to determine the eauso. She did state while there were adors it is better than years ago.
63011rev1



Benoit, Suzanne <suzanne.benoit@veolia.com>

Fwd: odor complaint 3/15/5

1 message

Batorski, John <iohn.batorski@veolia.com>

Mon, Mar 16, 2015 at 7:29 AM

To: Debbie Camp <debbie.camp@veolia.com>, Suzanne Benoit <suzanne.benoit@veolia.com>, John Daunis <john.daunis@veolia.com>, Ray Spry <rayspry@optimum.net>, Tom Deller <tom.deller@veolia.com>

John Batorski Plant Manager - Northeast LLC Municipal & Commercial Business **VEOLIA NORTH AMERICA**

tel +1 203 723 1433 / cell +1 203 509 6010 500 Cherry Street / Naugatuck, CT 06770 John.Batorski@veolia.com www.veolianorthamerica.com

Resourcing the world WEOLIA





----- Forwarded message -----

From: Denise Figueroa <deefig@gmail.com>

Date: 14 March 2015 at 13:16 Subject: odor complaint 3/15/5

To: "deep.aircomplaints@ct.gov" <deep.aircomplaints@ct.gov>, "carmencita.wilson@ct.gov"

<carmencita.wilson@ct.gov>, "wzirolli@naugatuck-ct.gov" <wzirolli@naugatuck-ct.gov>, Bob Mezzo

<bmezzo@naugatuck-ct.gov>, John Batorski <John.Batorski@veolia.com>

Cc: "seng.phouthakoun@ct.gov" <seng.phouthakoun@ct.gov>

The odor of sewage on Cherry Street Extension today is very strong. Intruded it at about 11am today and it has steadily increased. It is now 1pm and the odor is so strong it is intolerable. It is currently 39f and raining now. Please feel free to contact me with any questions you may have.

Denise Figueroa deefig@gmail.com 203-518-2414 326 Cherry St. Ext. Naugatuck, CT 06770